

Title (en)
Vehicle headlamp

Title (de)
Fahrzeugscheinwerfer

Title (fr)
Phare de véhicule

Publication
EP 2690351 A2 20140129 (EN)

Application
EP 13177556 A 20130723

Priority
JP 2012164732 A 20120725

Abstract (en)
A vehicle headlamp (10, 210) includes a first lamp unit (20, 220L, 220R) having a first irradiation range (170, 350L, 350R), the first lamp unit (20, 220L, 220R) being configured such that the first irradiation range (170, 350L, 350R) is adjustable in a horizontal direction, and a second lamp unit (30, 230L, 230R) having a second irradiation range (130A-130D, 330L, 330R), the second lamp unit (30, 230L, 230R) being configured such that the second irradiation range (130A-130D, 330L, 330R) is adjustable in a vertical direction. A resolution of the second lamp unit (30, 230L, 230R) with respect to the second irradiation range (130A-130D, 330L, 330R) is higher than a resolution of the first lamp unit (20, 220L, 220R) with respect to the first irradiation range (170, 350L, 350R).

IPC 8 full level
F21S 8/10 (2006.01)

CPC (source: EP US)
B60Q 1/06 (2013.01 - US); **B60Q 1/143** (2013.01 - EP US); **F21S 41/143** (2017.12 - EP US); **F21S 41/151** (2017.12 - EP US); **F21S 41/153** (2017.12 - EP US); **F21S 41/663** (2017.12 - EP US); **F21S 41/698** (2017.12 - EP US); **B60Q 1/1423** (2013.01 - US); **B60Q 2300/056** (2013.01 - EP US); **B60Q 2300/322** (2013.01 - EP US); **B60Q 2300/41** (2013.01 - EP US); **B60Q 2300/42** (2013.01 - EP US); **B60Q 2300/45** (2013.01 - EP US)

Citation (applicant)
JP 2009179121 A 20090813 - KOITO MFG CO LTD

Cited by
FR3082471A1; FR3100867A1; FR3075710A1; CN109094450A; GB2515152A; FR3125580A1; EP2695772A3; CN113453953A; EP3061653A1; WO2020069907A1; US10767827B2; WO2020207610A1; EP3160797B1; WO2023001851A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2690351 A2 20140129; **EP 2690351 A3 20180307**; CN 103574460 A 20140212; CN 103574460 B 20170426; JP 2014024399 A 20140206; JP 6008637 B2 20161019; US 2014029289 A1 20140130; US 9358918 B2 20160607

DOCDB simple family (application)
EP 13177556 A 20130723; CN 201310303064 A 20130718; JP 2012164732 A 20120725; US 201313949646 A 20130724